

YANOVSKAYA, Lyubov' Maksimilianovna, kandidat meditsinskikh nauk;  
VAYNTSVAYG, G.Ye., redaktor; ROMANOVA, Z.A., tekhnicheskij  
redaktor.

[What members of the family of a pulmonary tuberculosis  
patient should know] Chto nado znat' chlenam sem'i  
bol'nogo tuberkulezom legkikh. Moskva, Gos. izd-vo med.  
lit-ry, 1954. 15 p. (MLRA 8:2)  
(Tuberculosis)

YANOVSKAYA, L.M., kandidat meditsinskikh nauk

Diagnostic criteria in peritoneal lymph node tuberculosis in adults.  
Probl.tub. 34 no.6 supplement:37-38 N-D '56. (MLRA 10:2)

1. Iz Moskovskogo oblastnogo nauchno-issledovatel'skogo tuberkuleznogo  
instituta (zav. direktora po nauchnoy chasti - prof. D.D.Aseyev)  
(TUBERCULOSIS, LYMPH NODE, diagnosis,  
peritoneum (Rus))

YANOVSKAYA, L.M., starshiy nauchnyy sotrudnik

Effective method for treating tuberculous peritonitis [with summary  
in French]. Probl.tub. 36 no.5:58-63 '58 (MIRA 11:8)

1. Iz otdeleniya vnelegochnogo tuberkuleza (rukovoditel' - kand.med.  
nauk Ye.N. Zorin) Gosudarstvennogo nauchno-issledovatel'skogo instituta  
tuberkuleza Ministerstva zdravookhraneniya RSFSR (dir. - kand.med.  
nauk V.F. Chernyshev, zamestitel' dir. po nauchnoy chasti - prof.  
D.D. Asseyev).

(PERITONEUM, dis.

tuberc. ther., vitamin D2 with antibact. prep. (Rus))

(TUBERCULOSIS, ther.

peritoneum, vitamin D2 with antibact. prep. (Rus))

(VITAMIN D, ther. use.

D2, tuberc. peritonitis, with antibact. prep. (Rus))

YANOVSKAYA, I.M., kand.med.nauk

Problems in the diagnosis of tuberculous peritonitis. Sov.med. 23  
no.8:87-93 Ag '59. (MIRA 12:12)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo instituta tuberkuleza  
(dir. - kand.med.nauk V.F. Chernyshev) Ministerstva zdravookhraneniya  
RSFSR.

(TUBERCULOSIS diagnosis)  
(PERITONEUM diseases)

YANOVSKAYA, L.M., kand.med.nauk

Nature of the course of tuberculous peritonitis during anti-bacterial therapy. Probl.tub. 39 no.3:33-40 '61. (MIRA 14:5)

1. Iz vnelegochnogo otdeleniya (i.o. rukovoditelya - starshiy nauchnyy sotrudnik L.M. Yanovskaya) Moskovskogo nauchno-issledovatel'skogo instituta tuberkuleza (Ministerstva zdravookhraneniya RSFSR (dir. - kand.med.nauk V.F. Chernyshev, zam. dir. po nauchnoy chasti - prof. D.D. Aseyev).  
(PERITONEUM--TUBERCULOSIS)

YANOVSKAYA, M.

Salubrious crystals. Znan.sila no.11:16-18 N '53.

(MLHA 6:11)  
(Antibiotics)

ALOVA, G.; YANOVSKAYA, M.

Albucide. Znan.sila 31 no.3:22-23 Mr '56. (MIRA 9:7)  
(Acetamide) (Ointments)

YANOVSKAYA, M. F.

"Porous Structure of Mineral Coals." Sub 26 Jan 51, Inst of Mining , Acad Sci  
USSR

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 480, 9 May 55



YANOVSKAYA, M.F.

Sorption and filtration volumes of coals. V. V. Khodot and M. P. Yanovskaya. *Izvest. Akad. Nauk S.S.S.R., Khim. Tver. Faz 1951, 803-808.*—The sorption vol. of coal was detd. by two independent methods, viz., by the method of sorption of methane at high pressures and by the method of sorption of vapors of McOil at relative vapor pressures up to 0.8. Satisfactory quant. results were obtained. The extent of the pores of coal, detd. by the He method, leads to a sorption vol. of 46 to 60% (av., 56%) and to a filtering vol. of 64 to 40% (av., 45%) of the total pore vol. The expts. made permit one to evaluate the applicability of the equation of subterranean hydraulics to cases of finely porous sorbing media and to give an explanation of the relatively small, but significant porosity, filtering capacity of coal. Gladys S. Macy

*Yanovskaya, M.F.*

✓ 1122. ADSORPTION OF METHANE AND METHYL ALCOHOL VAPOUR BY COALS.  
 Khodot, V.V., Ettinger, I.B., and Yanovskaya, M.F. (Dokl. Akad. Nauk SSSR  
 (Rep. Acad. Sci. U.S.S.R.), 1953, vol. 85, 309-311; abstr. in Fuel Abstr.,  
 1955, vol. 49, 11983). Adsorption capacity of coals for methane and methyl  
 alcohol is determined by the accessibility of micropores and not by the  
 dimensions of the crystallites. Hard coals and anthracites (< 35-40%  
 volatile constituents) may be regarded as rigid adsorbents. Soft coals  
 (> 40% volatile constituents) exhibit an anomalous adsorption  
 ability and cannot be regarded as rigid adsorbents. Experimental techniques  
 are those previously described (I.B. Ettinger, Fuel Abstr., 1952, vol. 42,  
 2270; Khodot and Yanovskaya, Fuel Abstr., 1952, vol. 41, 91). C.A.

(2)

YANOVSKAYA, M. F. and Khodot, V. V.

"Method for Checking the Correctness of Determination of the Methane Capacity of Mineral Coals"  
Trudy In-ta Gorn. dela AN SSSR 1, 1954, 173-177

The inflexibility of the structure of coals as sorbents of methane develops for brown coals at gas pressures around 30 atmospheres, but for anthracites it is around 800-900 atmospheres. This property of coals makes it difficult to evaluate their methane capacity in laboratory tests. Under natural conditions of the principal coal basins of the USSR, where pressures of  $\text{CH}_4$  greater than 52 atmospheres are not observed, metamorphized anthracites appear in most cases as practical rigid sorbents, for which the usual sorptional methods of investigation are convenient. However, some coals reveal inflexibility and therefore require application of special complicated methods of determining the methane content.  
(RZhGeol, No 6, 1955)

SO: Sum-No 787, 12 Jan 56

YANOVSKAYA, M. F.

USSR/Mining - Chemical technology

Card 1/1 : Pub. 22 - 32/48

Authors : Khodot, V. V., and Yanovskaya, M. F.

Title : Use of quartz sorption weights for study of sorption capacity of coal at high pressures

Periodical : Dok. AN SSSR 97/5, 879-881, August 11, 1954

Abstract : The construction of a quartz sorption device for the study of sorption characteristics of coal at high pressures is described. The new apparatus is based on the principle of sorption weights which found broad application in the study of sorption characteristics at low pressures. The mode of operation of this device, is explained. One USSR reference (1952). Graphs; drawing.

Institution : ...

Presented by : Academician A. A. Skochinskiy, May 27, 1954

YANOVSKAYA, M.F.

The use of quartz sorption scales for the study of the sorption capacity of coal. Trudy Inst.gor.dola no.2:150-156 '55. (MLRA 9:3)  
(Coal--Analysis) (Sorption)

**"APPROVED FOR RELEASE: 09/01/2001**

**CIA-RDP86-00513R001962110016-4**

**APPROVED FOR RELEASE: 09/01/2001**

**CIA-RDP86-00513R001962110016-4"**

*YANOVSKAYA*  
KISELEV, A.V.; SABIROV, F.Z.; ETTINGER, I.L.; YANOVSKAYA, M.F.

Adsorption of methane on carbon black and coal above and below critical temperature. Dokl. AN SSSR 111 no.1:129-132 N-D '56. (MLRA 10:2)

1. Institut gornogo dela Akademii nauk SSSR i Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova. Predstavleno akademikom A.A.Skochinskim.

(Adsorption)

(Methane)

(Carbon black)

*YANOVSKAYA, M.F.*

SKOCHINSKIY, A.A., akad.; KHODOT, V.V., kand. tekhn.nauk.; OMOSHINSKIY, V.G., st. nauchnyy sotrudnik, kand. tekhn.nauk.; LIPAYEV, Yu. A., ml. nauchnyy sotrudnik; FREYTLER, Yu.S., ml. nauchnyy sotrudnik; ETTINGER, I.L., st. nauchnyy sotrudnik, kand. khim.nauk.; YANOVSKAYA, M.F., st. nauchnyy sotrudnik, kand. tekhn. nauk.; NIKOLAYEV, V.F., red. izd-va; PROZOROVSKAYA, V.L., tekhn. red.; IL'INSKAYA, G.M., tekhn. red.

[Methane in coal beds] Metan v ugol'nykh plastakh. Moskva, Ugletekhizdat, 1958. 255 p. (MIRA 11:12)

1. Rukovoditel' Laboratorii vnezapnykh vybrosov Instituta gornogo dela AN SSSR (for Khodot). 2. Laboratoriya prognoza i upravleniya gazovydeleniyem Instituta gornogo dela AN (for Ettinger).  
(Methane)  
(Coal)



PERMYSLER, Yu.S. (Moskva); YANOVSKAYA, M.F. (Moskva)

Effect of microfracturing of coal on the rapidity of  
methane desorption. Izv. AN SSSR. Otd. tekhn. nauk. Met. 1 topl.  
no. 3: 126-132 My-Je '60. (MIRA 13:6)  
(Gases in coal) (Desorption)

VESELOVSKIY, V.S., prof., doktor tekhn.nauk; LIDIN, G.D., prof., doktor tekhn.nauk; KHODOT, V.V., kand.tekhn.nauk; YANOVSKAYA, M.F., kand.tekhn.nauk

Response to the articles of A.P.Kuznetsov "Nature of sudden gas and coal outbursts" and "Mechanics of sudden coal and gas outbursts." Ugol' 36 no.7:63-64 J1 '61. (MIRA 15:2)  
(Mine gases) (Kuznetsov, A.P.)

KHODOT, V.V., kand.tekhn.nauk; YANOVSKAYA, M.F., kand.tekhn.nauk

Approximate method of calculating sorption isotherms of methane on  
coals. Nauch. soob. Inst. gor. dela 4:54-61 '60. (MIRA 15:1)  
(Methane) (Sorption) (Coal)

YANOYSKAYA, Min'ona [Islamova; METANIYKHA, H., redaktor; MOROZOVA, G.,  
~~tekhnicheskii redaktor~~

[William Harvey, 1578-1657] Vil'iam Garvei, 1578-1657. Moskva,  
Izd-vo TsK VLKSM "Molodaia gvardiia," 1957. 171 p. (MLPA 10:10)  
(Harvey, William, 1578-1657)

YANOVSKAYA, Min'ona Islamovna; GLADKOV, T., red.; KURLYKOVA, L.,  
tekhn.red.

[Pasteur] Paster. Moskva, Izd-vo TsK VLKSM "Molodaia gvardiia,"  
1960. 360 p. (Zhizn' zamechatel'nykh liudei. Seriya biografii,  
no.16 [306]). (MIRA 14:2)  
(PASTEUR, LOUIS, 1822-1895)

YANOVSKAYA, Min'ona Islamovna; ANOKHIN, P.K., akademik, prof.;  
STAROSTENKOVA, M.M., red.; RAKITIN, I.T., tekhn. red.

[Secrets of the brain; conversation with a member of the  
Academy of Medical Sciences of the U.S.S.R. Professor P.K.  
Anokhin] Tainy mozga; besedy s akademikom AMN SSSR professorom  
P.K.Anokhinym. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v  
zhizni, nauke, tekhnike. VIII Seriya. Biologiya i meditsina,  
no.9) (MIRA 15:6)

1. Akademiya meditsinskikh nauk SSSR (for Anokhin).  
(BRAIN)

TSEYTLINA, L.A.; YANOVSKAYA, N.B.; VOL'F, L.A.; MEOS, A.I.

Phosphorylation of polyvinyl alcohol fibers "vinol" in the  
presence of tertiary bases. Khim. volok. no.4:16-19 '65.  
(MIRA 18:8)

1. Leningradskiy institut tekstil'noy i legkoy promyshlennosti  
im. S.M. Kirova.

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stretch. Stretched PAN film had a fibrillar structure similar to thread. Curves were drawn from which the percent of macromolecules at a given angle with respect to the direction of stretch could be determined at different degrees of

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YANOVSKAYA, N.B.; KLIHENKO, I.B.

Change in the microstructure of lavsan fibers and polyethylene terephthalate films during their treatment by  $\beta$ -naphthol. Izv. vys. ucheb. zav.; khim. i khim. tekhn. 7 no.4:655-660 '64.

(MIRA 17:12)

1. Kafedra fiziki Leningradskogo instituta tekstil'noy i legkoy promyshlennosti im. S.M. Kirova.

YANOVSKAYA, N. B,

USSR/Universities - Sessions

Feb 52

"Annual Scientific Session of Leningrad University in 1951," P. G. Makarov,  
T. A. Agekyan, G. Drukarev, N. Yanovskaya, G. V. Golodnikov, and S. M. Ariya

Vest Leningrad U, Ser Mat, Fiz, Khim, Vol 7, No 2, pp 184-190

The annual scientific session of Leningrad University took place 4-20 Feb 1952.  
The Math Section was subdivided into math, mechanics, and astronomy; the physics  
comprised also geophysics. The chemistry section dealt also with cooperation with  
industry.

PA 251T98

YANOVSKAYA, N. B.

Krayev, A. P. , Zatsarin, V. R., and Yanovskaya, N. B. "The first results of very deep electric sounding of the earth's crust" Vestnik Leningr. un-ta, 1948, No. 6, p. 3-12.

SO: U-2888, 12 Feb. 53, (Ictopla' Zhurnal 'nykh Statey, No. 2, 1949).

YANOVSKAYA, N.B.; POTAPOVA, K.K.

Electron microscopy and X ray structure examination of polyacrylonitrile  
fibers of "nitron.". Izv.vys.ucheb.zav.; tekhn.tekst.prom. 4  
no.4:15-18 '58. (MIRA 11:11)

1. Leningradskiy tekstil'nyy institut imeni Kirova.  
(Electron microscopy) (X rays--Industrial applications)  
(Textile fibers, Synthetic)

YANOVSKAYA, N.B.

Electric field of a dipole on the surface of a thin conducting  
layer. Uch. zap. LGU no.278:222-229 '59. (MIRA 13:2)  
(Electric prospecting)



POTAPOVA, K.K.; SANKOV, Ye.A.; YANOVSKAYA, N.B.

Investigating the destruction of cotton fibers by various micro-organisms. Izv. vys. ucheb. zav.; tekhn. tekst. prom. no.5:23-25  
'59 (MIRA 13:3)

1. Leningradskiy tekstil'nyy institut im. S.M. Kirova.  
(Cotton)

**"APPROVED FOR RELEASE: 09/01/2001**

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**CIA-RDP86-00513R001962110016-4"**

4  
FRISMAN, E. V., VOROBYEV, V. I., SHEKHAGINA, L. V., YANOVSKAYA, N. K. and  
AKSENOVA, N. N.

"Dynamic Double Refraction of Nucleic Acid Solutions." pp. 79

Physics Institute of the Leningrad State University, Laboratory of  
Cytology of Malignant Growth, and Institute of Cytology of the Academy  
of Sciences USSR

II Nauchnaya Konferentsiya Institutologii AN SSSR. Tesisy Doklady (Second  
Scientific Conference of the Institute of Cytology of the Academy of Sciences  
USSR, Abstracts of Reports), Leningrad, 1962, 88 pp.

JPRS 20,634

FRISMAN, E.V.; YANOVSKAYA, N.K.; SHCHAGINA, L.V.; VOROB'YEVA, V.I.;  
AKSENOVA, N.N.

Dynamic double refraction of the solution of high-molecular ribo-  
nucleic acid. TSitologiya 4 no.3:323-325 My-Je '62.

(MIRA 16:3)

1. Laboratoriya fiziki polimerov Fizicheskogo instituta Leningrad-  
skogo universiteta i Laboratoriya tsitologii zlokachestvennogo  
rosta Instituta tsitologii AN SSSR, Leningrad.  
(NUCLEIC ACIDS) (REFRACTION, DOUBLE)

BIRSHTEYN, T.M.; BUDTOV, V.P.; FRISMAN, E.V.; YANOVSKAYA, N.K.

Effect of the polymer composition on the optical anisotropy  
of its molecules. Vysokom.soed. 4 no.3:455-462 Mr '62.  
(MIRA 15:3)

1. Fizicheskiy institut Leningradskogo gosudarstvennogo  
universiteta i Institut vysokomolekulyarnykh soyedineniy AN SSSR.  
(Macromolecular compounds---Optical properties)

FRISMAN, E.V.; YANOVSKAYA, N.K.; BUDTOV, V.P.

Effect of shape in the system polymethylmethacrylate - ethyl acetate. Vysokom.soed. 4 no.4:560-565 Ap '62. (MIRA 15:5)

1. Fizicheskiy institut, Leningradskiy gosudarstvennyy universitet.

(Methacrylic acid)

(Ethyl acetate)

37445

S/190/62/004/005/022/026  
B110/B108

271100

AUTHORS: Frisman, E. V., Vorob'yev, V. I., Shchagina, L. V., Yanovskaya, N. K.

TITLE: Flow birefringence in solutions of desoxyribonucleic acid.  
I. Optical anisotropy in molecules of native and aggregated denaturated desoxyribonucleic acid

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 5, 1962,  
762 - 768

TEXT: The denaturation of desoxyribonucleic acid (DNA) was studied with the aid of flow birefringence. The sodium salt of DNA from the thyroid gland of calf (12.63% N, 7.37% P; N/P = 1.71; E(p) = 6500) was investigated in an optical device with a penumbral compensator (0.0232  $\lambda$ ).  $\Delta n$  and  $\alpha$  were determined as functions of the velocity gradient  $g$  of the DNA solutions. The relation  $(\Delta n/gc\eta_0)_{q \rightarrow 0} = f(c)$  shows that in solutions of native and [7] aggregated denaturated (100°C) DNA,  $[\eta]$  changes by a factor of 115, and by a factor of 16. The optical anisotropy of the DNA macromolecule is

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Flow birefringence in solutions of ...

S/190/62/004/005/022/026  
B110/B108

given by  $(\Delta n \cdot 27 n_s kT) / [6 \eta_0 (\eta_r - 1) 4 \pi (n_s^2 + 2)^2] = \theta_j + \theta_f^*$ , where  $n_s$  is the refractive index of the solvent,  $\theta_f^*$  is the shape anisotropy at a given concentration of the solution,  $\eta_r$  is the relative viscosity of the solution, and  $\eta_0$  is the viscosity of the solvent. The anisotropies of the monomer links with adenine thymine and guanine cytosine were calculated according to J. D. Watson and F. H. C. Crick, and found to be  $a_{\parallel} - a_{\perp} = -15 \cdot 10^{-24} \text{ cm}^3$ . This value points to a considerable rigidity of the DNA molecule. For initial DNA solutions, kept at room temperature and 80, 90, and 100°C, the following values, respectively, were obtained from the equation  $\theta_i = \gamma_1 - \gamma_2$   
 $= (3/5) (\alpha_1 - \alpha_2) : \theta_i \cdot 10^{20} \text{ cm}^3 = -0.90, -0.87, -0.60, -0.12; (\alpha_1 - \alpha_2) \cdot 10^{20} \text{ cm}^3$   
 $= -1.5, -1.3, -1.0, -0.2; S = 1000, 900, 700, 130; \Lambda_m = 3400, 3060, 2400,$   
 $440 \text{ \AA}; S = (\alpha_1 - \alpha_2) / (a_{\parallel} - a_{\perp}), \Lambda_m = Sb; b = 3.4 \text{ \AA} \text{ (length of monomer). A}$   
molecular weight of  $5 \cdot 10^6$  and a mean radius of inertia of  $\sqrt{R^2} = 2 \cdot 10^3 \text{ \AA}$   
were obtained from the angular distribution of the intensity of light

Card 2/3

Flow birefringence in solutions of ...

S/190/62/004/005/022/026  
B110/B108

scattered by native DNA solutions. On the basis of the mean square distance  $h^2$  between the chain ends, the convolution in the native DNA molecule was found to be  $Q = L/\sqrt{h^2} \approx 5$ . As the lengths of the segments, determined optically and geometrically, differ considerably, further investigations are necessary. There are 3 figures and 1 table. The most important English-language reference is: J. D. Watson, F. H. C. Crick, Nature, 171, 964, 1953.

ASSOCIATION: Fizicheskii institut Leningradskogo gosudarstvennogo universiteta (Physics Institute of the Leningrad State University); Institut tsitologii AN SSSR (Institute of Cytology AS USSR)

SUBMITTED: July 6, 1961

Card 3/3

FRISMAN, E.V.; VOROB'YEV, V.I.; SHCHAGINA, L.V.; YANOVSKAYA, N.K.

Dynamic birefringence in deoxyribonucleic acid (DNA) solutions.  
Part 2: Effect of thermal denaturation and ionic strength of the  
solution on the structure of DNA macromolecules. Vysokom.sped.  
5 no.4:622-627 Ap '63. (MIRA 16:5)

1. Fizicheskiy institut Leningradskogo gosudarstvennogo universiteta  
i Institut tsitologii AN SSSR.  
(Nucleic acids--Optical properties)

FRISMAN, E.V.; VOROB'YEV, V.I.; YANOVSKAYA, N.K.; SHCHAGINA, L.V.

Studying the molecular structure of ribonucleic acid by the  
method of dynamic birefringence. Biokhimiia 28 no.1:137-144  
Ja-F '63. (MIRA 16:4)

1. Physical Institute of the State University and Institute  
of Cytology, Academy of Sciences of the U.S.S.R., Leningrad.  
(NUCLEIC ACIDS) (REFRACTION, DOUBLE)

YANOVSKAYA, H. M.

Paleontology - Catalogs and Collections

First paleontological collections in Russia. Priroda 41 no. 5, 1952.

Monthly List of Russian Accessions, Library of Congress, August, 1952. UNCLASSIFIED.

YANOVSKAYA, N.M.

A new titanother in Mongolia. Priroda 42 no.8:107-109 Ag '53. (MLBA 6:7)

1. Paleontologicheskii institut Akademii nauk SSSR.  
(Mongolia--Titanotheria) (Titanotheria--Mongolia)

YANOVSKAYA, N.M.; PAVLOVSKIY, Ye.N., akademik.

First find of Brontotheria in the U.S.S.R. Dokl. AN SSSR 93 no.1:147-149  
N '53. (MIRA 6:10)

1. Akademiya nauk SSSR (for Pavlovskiy).  
(Karaganda Province--Ungulata, Fossil) (Ungulata, Fossil--Karaganda  
Province)

YANOVSKAYA, N.M.

New deer of the middle Pliocene of Moldavia. Trudy Paleont. inst.  
47:163-171 '54. (MLRA 7:10)  
(Moldavia--Deer, Fossil) (Deer, Fossil--Moldavia)



YANOVSKAYA, H.M.

New genus of Embolotheriinae from the Paleogenic of Mongolia.  
Trudy Paleont. inst. no. 55:5-43 '54. (MIRA 8:9)  
(Mongolia--Paleontology)

*Yanovskaya, N.M.*  
FLEKHOV, K.K.; TROPIMOV, B.A.; YANOVSKAYA, N.M.; ASTROV, A.V., redaktor;  
MARKOV, K.K., professor; MULLIS, I.E.V., tekhnicheskiy redaktor

[History of mammalian fauna of the quaternary period] Istoriia  
fauny mlekopitaiushchikh v shetvertichnom periode. [Moskva] Izd-  
vo Moskovskogo univ., 1955. 37 p. (MIRA 9:3)  
(Paleogeography)

YANOVSKAYA  
USSR/Biology - Prehistoric mammals

Card 1/1      Rub. 86 - 26/37

Authors      : Yanovskaya, N. M., Cand. Biol. Sc.

Title        : Findings of brontotheria in the Soviet Union

Periodical   : Priroda 44/4, 114 - 115, Apr 1955

Abstract     : A description is given of the class of prehistoric mammals called brontotheria. An account is given of the finding in Kazakhstan in 1951 of a part of an upper jaw with teeth from a brontotherium of a new type, epimanteoceras precursor. In 1952 near Vladivostok bones and teeth were found belonging to the type of brontotheria called rhinotitan orientalis. Three references: 2 Soviet and 1 USA (1943 - 1953). Illustrations.

Institution   : .....

Submitted     : .....

*YANOVSKAYA, N.M.*

26-58-5-30/57

AUTHOR: N.M. Yanovskaya, Candidate of Biological Sciences

TITLE: On the Paleogeographical Distribution and Ways of Settlement of the Brontotheria (O paleogeograficheskom rasprostraneni i putyakh rasseleniya brontoteriyev)

PERIODICAL: Priroda, 1958, Nr 5, pp 99 - 100 (USSR)

ABSTRACT: After an evaluation of the disagreeing views held by foreign, mainly America, scientists on the migrations of the brontotheria, the author proposes the following interpretation: A land divide, the Turgay Strait, unsurmountable for mammals separated Europe from Asia during the Oligocene. Asia was connected with America by the now Bering Strait, while Europe was connected with America by the Atlantic Bridge, now via England, Iceland and Greenland. This explains the similarity of European and American Brontotheria. Further evidence for this hypothesis is still needed. There are 1 map and 6 non-Soviet reference.

~~Card 1/2~~

*Paleontology Encl. Acad Sci USSR*

YANOVSKAYA, N.M.

All-Union Paleontological Conference. Izv. AN SSSR, Ser. biol. 24  
no. 6:944-947 N-D '59. (MIRA 13:4)  
(PALEONTOLOGY--CONGRESSES)

YANOVSKAYA, N. M.

"Brontotheria of the Paleocene USSR and Mongolia." Cand Biol  
Sci, Inst of Paleontology, Acad Sci USSR (Apr-Jun 54). (Vest Ak  
Nauk, Nov 54)

Survey of Scientific and Technical Dissertations Defended at USSR  
Higher Educational Institutions (11)

SO: Sum. No.521, 2 Jun 55

YANOVSKAYA, N.M., kand.biolog.nauk (Moskva)

"The world of ancient animals" by IU. A. Orlov. Reviewed by N. M.  
IAnovskaia. Priroda 51 no.1:121-122 Ja '62. (MIRA 15:1)  
(Paleontology) (Vertebrates, Fossil) (Orlov, IU. A.)

ORLOV, Yu.A., otv. red.; GABUNIYA, L.K., red.; TROFIMOV, B.A.,  
red.; FLEROV, K.K., red.; YANOVSKAYA, N.M., red.

[Tertiary mammals] Tretichnye mlekopitaiushchie. Moskva,  
Izd-vo "Nauka," 1964. 57 p. (Its Doklady sovetskikh pa-  
leontologov. Problema 8) (MIRA 17:6)

1. International Geological Congress, 22d, 1964.



KRUGLIKOV, A. A., kand. tekhn. nauk; BERSENEV, A. P., kand. tekhn. nauk; PERMIKIN, I. P., inzh.; YANOVSKAYA, M. S., inzh.

Using a urea-phenol-formaldehyde glue for making boards from wood particles. Der. prom. 12 no.2:10-11 F '63.  
(MIRA 16:4)

1. Nizhne-Tagil'skiy zavod plastmass i Nauchno-issledovatel'skiy institut po stroitel'stvu v g. Sverdlovske.

(Hardboard)

ACC NR: AP6033183

SOURCE CODE: UR/0079/66/036/010/1848/1850

AUTHOR: Andrianov, K. A.; Dabagova, A. K.; Yanovskaya, N. S.

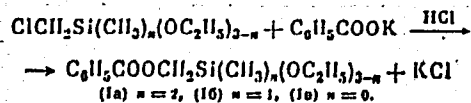
ORG: none

TITLE: Synthesis of methylethoxysilanes containing benzoate and terephthalate groups

SOURCE: Zhurnal obshchey khimii, v. 36, no. 10, 1966, 1848-1850

TOPIC TAGS: methylethoxysilane, benzoic acid, ~~ethylene dichloride~~, terephthalic acid, silane, ~~tert-butyl~~ organosilicon compound

ABSTRACT: The five previously unreported organosilicon compounds containing acyloxymethyl groups were obtained by the reaction of potassium benzoate with the corresponding ethoxymethylchloromethylsilanes on heating in the presence of 3.3—3.9 wt% HCl, as a catalyst:

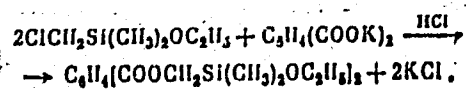


and by the reaction of potassium terephthalate with ethoxydimethylchloromethylsilane in the presence of HCl:

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UDC: 546.287

ACC NR: AP6033183



Composition and physical constants of the new organosilicons are given in the table. Orig. art. has: 1 table [W.A. 50]

Card 2/3

ACC NR: AP6033183

Table 1. Composition of Physical Constants

| Formula                                                                                                                                               | bp<br>(p in mm) | n <sub>D</sub> <sup>20</sup> | d <sub>4</sub> <sup>20</sup> | Mn     |        | Saponifica-<br>tion number |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------------------|------------------------------|--------|--------|----------------------------|--------|
|                                                                                                                                                       |                 |                              |                              | Found  | Calc'd | Found                      | Calc'd |
| $\begin{array}{c} \text{CH}_3 \\   \\ \text{C}_8\text{H}_8\text{COOCH}_2\text{SiOC}_2\text{H}_5 \end{array}$                                          | 120—122° (2)    | 1.4860                       | 1.0260                       | 66.52  | 66.41  | 230                        | 235    |
| $\begin{array}{c} \text{CH}_3 \\   \\ \text{C}_8\text{H}_8\text{COOCH}_2\text{Si}(\text{OC}_2\text{H}_5)_2 \end{array}$                               | 136—138 (2)     | 1.4770                       | 1.0540                       | 71.84  | 71.84  | 214                        | 208    |
| $\begin{array}{c} \text{CH}_3 \\   \\ \text{C}_8\text{H}_8\text{COOCH}_2\text{Si}(\text{OC}_2\text{H}_5)_3 \end{array}$                               | 128.5 (2)       | 1.4680                       | 1.0690                       | 77.17  | 77.28  | —                          | —      |
| $\begin{array}{c} \text{CH}_3 \\   \\ \text{C}_8\text{H}_8[\text{COOCH}_2\text{SiOC}_2\text{H}_5]_2 \end{array}$                                      | 100—101 (2)     | 1.4820                       | 1.0480                       | 108.42 | 106.34 | 204                        | 260.0  |
| $\begin{array}{c} \text{CH}_3 \\   \\ \text{CH}_3 \\   \\ \text{C}_8\text{H}_8\text{COOCH}_2\text{SiOOC}_8\text{H}_8 \\   \\ \text{CH}_3 \end{array}$ | 173—175 (2)     | 1.5340                       | 1.1220                       | 87.00  | 86.17  | 341                        | 350    |

SUB CODE: 07/ SUBM DATE: 03Jul65/ ORIG REF: 002

Card 3/3

KOVALENKO, A.A., inzh. (Zaporozh'ye); RENGEVICH, G.P., inzh. (Zaporozh'ye);  
YANTOSHAIA, R.A., inzh. (Zaporozh'ye).

Automatic control unit for correlating the expenditure of natural gas  
and air in the TA-150-1 boiler. Energetik. 13 no.7:7-8 J1 '65.  
(MIRA 18:8)

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Idealizm v sovremennoy filosofii matematiki. yestestv. i marksizm, 2-3 (1930), 10-31.

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Sm. takzhe Sb. Marksizm i yestestv. (1933), 132-180.

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O tak nazyvayemykh (opredeleniyakh cherez abstraktsiyu). Sb. statey po. fil. matem, M., Uchpedqiz, (1936), 108-136.

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"APPROVED FOR RELEASE: 09/01/2001

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**APPROVED FOR RELEASE: 09/01/2001**

**CIA-RDP86-00513R001962110016-4"**

TARSKIY, Al'fred [Tarski, Alfred]; DYNNIK, O.N. [translator]; YANOVSKAYA,  
S.A., red.

[Introduction to logic and to the methodology of deductive sciences]  
Vvedenie v logiku i metodologiiu deduktivnykh nauk. Red. i predisl. k  
russkomu perevodu S.A.Ianovskoi . Prim. G.M.Adel'sona-Vel'skogo. Mo-  
skva, Gos. izd-vo inostr. lit-ry, 1948. 325 p. (MIRA 14:8)  
(Mathematics--Philosophy) (Arithmetic--Foundations)

YANOVSKAYA, S-A.

Mathematical Reviews.  
Vol. 14 No. 7  
July - August, 1953  
History

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orudie bor'by protiv idealizma v matematike. [The  
leading ideas of N. I. Lobachevskii—a combat weapon  
against idealism in mathematics.] Izdat. Akad. Nauk  
SSSR, Moscow-Leningrad, 1950. 83 pp.

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YANOVSKAYA, S. A.

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So: MATHEMATICAL REVIEW (Unclassified)  
Vol. XIV, No 6, June 1953, pp 523-603

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Yanovskaya, S. A. Two documents on the history of Moscow University. Vestnik Moskov. Univ. Ser. Fiz.-Mat. Estest. Nauk 1952, no. 8, 41-56 (1952). (Russian)  
The documents consist of an essay by A. S. Eršov, "On instruction in technical mechanics and descriptive geometry" and comments on this essay by Čebyšev (unsigned but recognizable by the handwriting).

So: Math. Rev., Vol. 14, No. 9, Oct 1953, pp. 831-934 - Unclassified

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History of the teaching of mathematics at Moscow University  
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MARKUSHEVICH, A.I.; YANOVSKAYA, S.A.

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(Iushkevich, Adol'f Pavlovich, 1906-) (MLRA 9:11)  
(Bibliography--Mathematics)



YANOVSKAYA, S. A.

φ 3, 4.

16(1)

PHASE I BOOK EXPLOITATION

SOV/1366

Istoriko-matematicheskiye issledovaniya, vyp. 11 (Research in Mathematical History, Nr 11) Moscow, Fizmatgiz, 1958. 792 p. 3,000 copies printed.

Eds. (Title page): Rybkin, G.F. and Yushkevich, A.P.; Ed. (Inside book): Konoplyankin, A.A.; Tech. Ed.: Murashova, N. Ya.

**PURPOSE:** This book is intended for mathematicians and others interested in the history of mathematics, and may serve as the basis for a suitable university text on the history of mathematics, thereby filling the most serious gap in Soviet mathematical literature.

**COVERAGE:** This book contains reports made by members of the section on the history of mathematics at the Third All-Union Mathematical Congress which discussed problems of the history of mathematics and various articles on the significance of the history of mathematics

Card 1/8

Research in Mathematical History (Cont.)

SOV/1366

for mathematics itself and for the other sciences. There are also four articles on the history of mathematics in Czechoslovakia and Rumania, an article on the investigation of the algebraic roots of differential calculus in connection with a study of the mathematical writings of K. Marx, and an article on the work done on negative numbers by the Arabian mathematician, Abu-l-Wafa. A series of articles on various texts and documents connected with the history of mathematics, including a translation of the treatise De Configuratione Qualitatum by N. Oresme and two articles concerning it, concludes the book.

Card 2/8

Research in Mathematical History (Cont.)

SOV/1366

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AVAILABLE: Library of Congress

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LK/mtl  
5-4-59



YANOVSKA, S. A.

AUTHOR: None Given.

24-2-28/28

TITLE: All-Union Conference on the Theory of Relay Systems.  
(Vsesoyuznoye soveshchaniye po teorii ustroystv releynogo deystviya).

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1958, No.2, pp. 167-168 (USSR).

ABSTRACT: The Institute of Automation and Telemechanics of the Ac. Sc. USSR (Institut Avtomatiki i Telemekhaniki Akademii Nauk SSSR) convened in October, 1957 an All Union Conference on the theory of relay systems. The aim of the conference was to evaluate the present state of the problem of the theory of relay operation, particularly evaluation of the problems of synthesis, analysis and transformation of the structure of relay equipment, optimum construction and assembly of such structures, automation of the processes of synthesis and analysis of such structures. Over 330 representatives of research establishments, works' laboratories and project organisations from numerous centres of the USSR as well as scientists from Roumania, Hungary and Czechoslovakia participated in the conference.

Card 1/5 In his opening address M. A. Gavrilov reported on the

All-Union Conference on the Theory of Relay Systems. 24-2-28/28

present state and the main trends of development of the theory of relay circuits.

Thirty papers were read including "On the Development of Mathematical Logic and its Engineering Applications" by S. A. Yanovska, "Algebraic Theory of the Operation of Relay-Contact Circuits" by Gr. K. Moisil (Bucharest), "On the Inversion Complexity of a System of Functions" by A. A. Markov, "Minimum Disjunctive Shape of "Bull" Functions" by K. Popovich (Bucharest), "On Certain Mathematical Problems of the Theory of Relay Circuits" by S. V. Yablonskiy.

The technique of operation in this field was dealt with in the following papers: "Technique of Determining the Minimum Number of Relays Necessary for the Construction of a Relay Circuit with Given Conditions of Operation" by V. G. Lazarev; "Matrix Method and Method of Characteristic Functions in the Theory of Contact Circuits" by A.G.Luntz; "On the Theory of Synthesis of Contact Circuits" by F. Svobodin (Prague); "Construction of Relay Circuits with Bridge Connections" by M. A. Gavrilov; "Method of Synthesis of Multi-Pole Relay-Contact Circuits" by V. N. Grebenshchikov; "Application of the Method of

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All-Union Conference on the Theory of Relay Systems. 24-2-28/28

Probability Graphs for the Analysis of Switching Circuits" by A. D. Kharkevich; "Graphical Method of Constructing Relay-Contact Circuits" by Ya. I. Mekler; "On the Algebraic Method of Analysis and Synthesis of Multi-Contact Relay Circuits" by V. I. Shestakov. The following papers dealt with acute topics: "Automation of the Process of the Analysis of Relay Circuits" by P. P. Parkhomenko; "Matrix Analyser of Relay-Contact Circuits" by T. T. Tsukanov; "Mechanisation of the Process of Synthesis of Relay Circuits" by A. A. Arkhangel'ska, V. G. Lazarev and V. N. Roginskiy; "The Szeged Logical Machine and Some of its Applications" by L. Kalmar (Hungary). The participants of the conference arrived at the conclusion that in the field of synthesis of relay equipment the fundamental problem is that of developing a method of determining the most rational structures. Existing methods solve fundamentally the problem of creating a structure of relay equipment in accordance with exactly formulated conditions of operation. However, for complicated relay systems containing a large number of inter-related blocks, the existing methods are quite cumbersome. The problem arises of general

Card 3/5

All-Union Conference on the Theory of Relay Systems. 24-2-28/28

investigation of symbolic recording of the conditions of operation for determining the existing relations and particularly for developing methods of sub-dividing the general sequences into sequences corresponding to the various functions to be fulfilled and synthesis of relay equipment in sections. In some cases, the statistical characteristics of individual connections being occupied has to be taken into consideration. An important problem of the theory of relay systems is that of minimising the size of their structure. In view of the complexity of the structures of modern relay systems it is of great importance to develop automatic machinery for synthesis and analysis of relay apparatus and the first successes achieved in this field were reported on at the Conference. The Institute of Automatics and Telemechanics, Ac.Sc., USSR has developed a universal machine for analysing the structure of relay systems on twenty relay elements which permits solution of a very wide class of problems. In the Computer Institute of the Czechoslovak Ac.Sc. and in the Laboratory of Problems of Wire Communication of the Ac.Sc. USSR, the first machines were built for synthesis

Card 4/5

All-Union Conference on the Theory of Relay Systems. 24-2-28/28

of structures of relay equipment. This work requires further development, particularly as regards machines for the synthesis of structures. The members of the conference pointed out the advisability of organising a coordinating commission relating to work on the theory of relay systems and of establishing an International Federation relating to this problem.

(Note: This is a complete translation).

AVAILABLE: Library of Congress.

Card 5/5

*Yanovskaya S.A.*

AUTHOR: Ostianu, V. M.

30-1-36/39

TITLE: Problems in the Theory of Relay Devices (Problemy teorii ustroystv releyirogo deystviya).  
All-Union Conference in <sup>Moscow</sup> (Vsesoyuznoye soveshchaniye v Moskve).

PERIODICAL: Vestnik AN SSSR, 1958, Vol. 28, Nr 1, pp. 131-132 (USSR).

ABSTRACT: The Institute for Automation and Remote Control AN-USSR convened a Conference which took place from October 3 to October 9 1957. The following problems figured on the agenda: Synthesis, analysis, reconstruction of the relay structure and effect, the best construction and structure, automation of analytical processes, etc. The council was attended by representatives of scientific institutions and industrial firms, as well as by scientists from other countries. The following reports were made:

- 1) A. E. Letov stressed the importance of the part played by relay devices in the automation of the finishing process.
- 2) M. A. Gavrilov characterized the present stage and the main trends of the development of these devices, and said that with respect to works published in this field, the USA and the USSR ranged first, while the Roumanian Peoples' Republic ranged third.
- 3) S. A. Yanovskaya investigated the characteristic features of the

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Problems in the Theory of Relay Devices.  
All-Union Conference in Moscow

30-1-36/39

development of mathematical logics as well as the fields of their technical application.

- 4) G. K. Moisil, Regular Member of the Roumanian Academy, stressed the influence exercised by Soviet scientists (V. I. Shehtakov, M. A. Gavrilov) on the development in his country.
- 5) A. A. Markov spoke about the inversion of complicated systems of functions.
- 6) A. Svoboda (Czechoslovakia): His report on certain possibilities of using contact grids was read.
- 7) Yu. A. Bazilevskiy: On temporary logical functions.
- 8) K. Popovich (Roumania) suggested an improved representation of functions.
- 9) A. V. Kuznetsov: On the impossibility of constructing an algebraic apparatus with a finite number of functions.
- 10) S. V. Yablonskiy: On the application of the existing theory for new elements with relay effect.
- 11) T. L. Maistrova: On the application of non-equivocal logics.
- 12) G. K. Moisil: His report on the synthesis of relay schemes was read.
- 13) M. A. Gavrilov: Investigated methods of Constructing bridge circuits.

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Problems in the Theory of Relay Devices.  
All-Union Conference in Moscow.

30-1-36/39

- 14) P. Konstantinesku (Roumania): On the method of constructing multipole contacts.
- 15) V. N. Roginskiy: On the graphic method of constructing  $(I,k)$ -poles.
- 16) A. D. Kharkevich: On the application of the methods of probability diagrams.
- 17) V. I. Shentakov: On the algebraic method of analysis and synthesis.
- 18) Ya. I. Mekler: On the graphic method of the construction of relay contact schemes.
- 19) V.G. Lazarev: On the method of determining the minimum relay number.
- 20) M. Nadelku (Roumania): On electronic circuits with relay effect. G. Ivanin.
- 21) L. Kalmar, Corresponding Member of the Hungarian Academy of Science: On the logical Seged machine.
- 22) F. Svoboda (Czechoslovakia): On the working principle of a machine for the synthesis of contact circuits.
- 23) A. A. Arkhangel'skaya: On a machine for the synthesis of contact poles.

Card 3/4



Problems in the Theory of Relay Devices.  
All-Union Conference in Moscow.

30-1-36/39

V. G. Lazarev.

V. M. Roginskiy.

- 24) P. P. Parkhomenko. On problems concerning the automation of the analysis of relay schemes.

T. T. Tsukanov.

The extent to which the field of the theory of devices with relay effect has been investigated is described as insufficient. In connection with the council an exhibition of devices and publications dealing with this field was organized.

AVAILABLE: Library of Congress.

1. Automation-Conference 2. Scientific reports-USSR

Card 4/4

KUKARKIN, Boris Vasil'yevich, prof.; RYBNIKOV, Konstantin Alekseyevich, prof.; BASHMAKOVA, Izabella Grigor'yevna; YUSHKEVICH, Adol'f Pavlovich; IANOVSKAYA, Sof'ya Aleksandrovna; SPASSKIY, Boris Ivanovich, dotsent; MIKHAYLOV, Glab Konstantinovich, starshiy nauchnyy sotrudnik; MATYNOV, D.Ya., prof., otv.red.; GORDEYEV, D.I., prof., red.; IVANENKO, D.D., prof., red.; KUDRYAVTSEV, P.S., prof., red.; KULIKOVSKIY, P.G., dotsent, red.; KHRGIAN, A.Kh., prof., red.; SHEVTSOV, N.S., prof., red.; VERKHUNOV, V.M., assistant, red.; KONONKOV, A.F., red.; YERMAKOV, M.S., tekhn.red.

[Programs of courses on the history of the physicomathematical sciences] Programmy po istorii fiziko-matematicheskikh nauk. Moskva, 1959. 40 p. (MIRA 12:12)

1. Moscow. Universitet. 2. Orgkomitet Vsesoyuznoy mezhvuzovskoy konferentsii po istorii fiziko-matematicheskikh nauk (for Kukarkin, Rybnikov, Spasskiy, Gordeyev, Ivanenko, Kudryavtsev, Kulikovskiy, Mikhaylov, Khrgian, Shevtsov, Verkhunov, Kononkov).

(Physics--Study and teaching)

(Mathematics--Study and teaching)

16.0200

S/044/61/000/005/003/025  
0111/0444

AUTHOR: Yanovskaya, S. A.

TITLE: On some trends of the development of mathematical logic and on its relation to technical applications

PERIODICAL: Referativnyy zhurnal, Matematika, no. 5, 1961, 11, abstract 5A93. (Dokl. i. soobshch. Uzhgorodsk. un-t. Ser. fizmatem. n., 1960, no. 3, 3 - 21)

TEXT: Lecture, read to the All Union Congress, on the theory of Relais-mechanisms, in October 3, 1957. A short survey of the technical applications of mathematical logic and of the theory of algorithms.

(Abstracter's note: Complete translation.)

Sc

Card 1/1

T'YURING, Alan M. [Turing, Alan Mathison]; NEYMAN, Dzh.fon [Neumann, John von]; DANILOV, Yu.A. [translator]; YAKOVSKAYA, S.A., prof., red.; BIRYUKOV, B.V., red.; AKSEL'ROD, I.Sh., tekhn.red.

[Can the machine think? With supplementary article "The general and logical theory of automata" by John von Neumann.] Mozhet li mashina myslit'? S prilozheniem stat'i "Obshchaya i logicheskaya teoriya avtomatov" by John von Neumann. Moskva, Gos.izd-vo fiziko-matem.lit-ry, 1960. 110 p. Translated from the English.

(MIRA 14:1)

(Automatic control)